

## SEQUENCE LISTING

<110> Dana-Farber Cancer Institute, Inc.  
 <120> REGULATION OF IMMUNE RESPONSES BY ATTRACTIN  
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aat ttc acc tgg ccc atc aaa att cag gtg caa act gaa caa 3594  
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50 55 60  
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Lys Thr Lys Cys Thr Trp Leu Ile Glu Gly Gln Pro Asn Arg Ile Met  
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Arg Leu Arg Phe Asn His Phe Ala Thr Glu Cys Ser Trp Asp His Leu  
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Ser Gly Leu Ile Val Pro Glu Arg Asp Gly Asn Glu Thr Val Pro Glu  
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225 230 235 240  
Gly Pro Gly Cys Ser Val Pro Val Pro Ala Asn Gln Ser Phe Trp Thr  
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Arg Glu Glu Tyr Ser Asn Leu Lys Leu Pro Arg Ala Ser His Lys Ala  
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 145 150 155 160  
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 165 170 175  
 Pro Asn Asn Cys Ser Gly Arg Gly Glu Cys Lys Ile Ser Asn Ser Ser  
 180 185 190  
 Asp Thr Val Glu Cys Glu Cys Ser Glu Asn Trp Lys Gly Glu Ala Cys  
 195 200 205  
 Asp Ile Pro His Cys Thr Asp Asn Cys Gly Phe Pro His Arg Gly Ile  
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 Cys Asn Ser Ser Asp Val Arg Gly Cys Ser Cys Phe Ser Asp Trp Gln  
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 245 250 255  
 Arg Glu Glu Tyr Ser Asn Leu Lys Leu Pro Arg Ala Ser His Lys Ala  
 260 265 270  
 Val Val Asn Gly Asn Ile Met Trp Val Val Gly Gly Tyr Met Phe Asn  
 275 280 285  
 His Ser Asp Tyr Asn Met Val Leu Ala Tyr Asp Leu Ala Ser Arg Glu  
 290 295 300  
 Trp Leu Pro Leu Asn Arg Ser Val Asn Asn Val Val Val Arg Tyr Gly  
 305 310 315 320  
 His Ser Leu Ala Leu Tyr Lys Asp Lys Ile Tyr Met Tyr Gly Gly Lys  
 325 330 335  
 Ile Asp Ser Thr Gly Asn Val Thr Asn Glu Leu Arg Val Phe His Ile  
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 Tyr Asp His Arg Thr Arg Ala Leu Tyr Val His Gly Gly Tyr Lys Ala  
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 Val Asp Thr Gln Met Trp Thr Ile Leu Lys Asp Ser Arg Phe Phe Arg  
 465 470 475 480  
 Tyr Leu His Thr Ala Val Ile Val Ser Gly Thr Met Leu Val Phe Gly  
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11

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Asn Gly Gly Arg Cys Asn Pro Gly Thr Gly Gln Cys Val Cys Pro Ala	
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ggc tgg gtg ggc gag caa tgc cag cac tgc ggg ggc cgc ttc aga cta	192
Gly Trp Val Gly Glu Gln Cys Gln His Cys Gly Gly Arg Phe Arg Leu	
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act gga tct tct ggg ttt gtg aca gat gga cct gga aat tat aaa tac	240
Thr Gly Ser Ser Gly Phe Val Thr Asp Gly Pro Gly Asn Tyr Lys Tyr	
65 70 75 80	
aaa acg aag tgc acg tgg ctc att gaa gga cag cca aat aga ata atg	288
Lys Thr Lys Cys Thr Trp Leu Ile Glu Gly Gln Pro Asn Arg Ile Met	
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aga ctt cgt ttc aat cat ttt gct aca gag tgt agt tgg gac cat tta	336
Arg Leu Arg Phe Asn His Phe Ala Thr Glu Cys Ser Trp Asp His Leu	
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tat gtt tat gat ggg gac tca att tat gca ccg cta gtt gct gca ttt	384
Tyr Val Tyr Asp Gly Asp Ser Ile Tyr Ala Pro Leu Val Ala Ala Phe	
115 120 125	
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Ser Gly Leu Ile Val Pro Glu Arg Asp Gly Asn Glu Thr Val Pro Glu	
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Ala Tyr Asn Leu Thr Gly Phe Asn Ile Thr Tyr Ser Phe Asp Met Cys	
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cca aat aac tgc tca ggc cga gga gag tgt aag atc agt aat agc agc	576
Pro Asn Asn Cys Ser Gly Arg Gly Glu Cys Lys Ile Ser Asn Ser Ser	
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Asp Thr Val Glu Cys Glu Cys Ser Glu Asn Trp Lys Gly Glu Ala Cys	
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gac att cct cac tgt aca gac aac tgt ggt ttt cct cat cga ggc atc	672
Asp Ile Pro His Cys Thr Asp Asn Cys Gly Phe Pro His Arg Gly Ile	
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Cys Asn Ser Ser Asp Val Arg Gly Cys Ser Cys Phe Ser Asp Trp Gln	
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cac tca gat tat aac atg gtt cta gcg tat gac ctt gct tct agg gag His Ser Asp Tyr Asn Met Val Leu Ala Tyr Asp Leu Ala Ser Arg Glu 290 295 300	912
tgg ctt cca cta aac cgt tct gtg aac aat gtg gtt gtt aga tat ggt Trp Leu Pro Leu Asn Arg Ser Val Asn Asn Val Val Arg Tyr Gly 305 310 315 320	960
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cac acc cag ggt gcc ctt gtg caa ggg ggt tac ggc cat agc agt gtt His Thr Gln Gly Ala Leu Val Gln Gly Gly Tyr Gly His Ser Ser Val 420 425 430	1296
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gca gtc tta cac aac agc acc atg tat gtg ttc ggt ggt ttc aat agt Ala Val Leu His Asn Ser Thr Met Tyr Val Phe Gly Gly Phe Asn Ser 545 550 555 560	1680
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aac cac agc tgc tca gaa ggc cag atc tcc att ttt agg tat gag aat Asn His Ser Cys Ser Glu Gly Gln Ile Ser Ile Phe Arg Tyr Glu Asn 660 665 670	2016
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Trp Asp Val Thr Arg Ala Gly Arg Pro Gly Leu Gly Ala Gly Leu Arg	
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 Trp Asp Val Thr Arg Ala Gly Arg Pro Gly Leu Gly Ala Gly Leu Arg  
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35

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